## PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(31) International Publication Number: C12N 7/00  (21) International Application Number: PCT/US99/24017 (22) International Filing Date: 12 November 1999 (12.11.99) (23) International Filing Date: 12 November 1999 (12.11.99) (24) International Filing Date: 12 November 1999 (12.11.99) (25) International Filing Date: 12 November 1999 (12.11.99) (26) International Filing Date: 13 November 1999 (12.11.99) (27) International Filing Date: 14 November 1999 (12.11.99) (28) Priority Data: 60108.168 13 November 1998 (13.11.98) (29) International Filing Date: 15 November 1998 (13.11.98) (20) International Filing Date: 16 November 1998 (13.11.98) (21) Applicant (for all designated States except US): CELL GENESYS, INC. (USUS): 342 Lakeside Drive, Foster City, CA 94404 (US). (27) Inventors/applicants (for US only): BUKOVSKY, Anatoly (RUMS): Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). (28) Inventors/applicants (for US only): BUKOVSKY, Anatoly (RUMS): Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). (29) Inventors/applicants (for US only): BUKOVSKY, Anatoly (RUMS): Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). (20) Inventors/applicants (for US only): BUKOVSKY, Anatoly (RUMS): Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). (20) Inventors/applicants (for US only): Bukovsky (Anatoly (RUMS): Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). (21) Inventors/applicants (for US only): Bukovsky (Anatoly (RUMS): Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). (22) Inventors/applicants (for US only): Bukovsky (Anatoly (RUMS): Cell Cell Cell Cell Cell Cell Cell Cel		The state of the s						
(21) International Application Number: PCT/US99/24017 (22) International Filing Date: 12 November 1999 (12.11.99) (23) International Filing Date: 12 November 1999 (12.11.99) (24) International Filing Date: 12 November 1999 (12.11.99) (25) International Filing Date: 12 November 1999 (12.11.99) (26) Priority Data: 60/108.168 13 November 1998 (13.11.98) US (60/108.168 13 November 1998 (13.11.98) US (71) Applicant (for all designated States except US); CELL GENESYS, INC. [US/US]; 342 Lakeside Drive, Foster City, CA 94404 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BUKOVSKY, Anatoly [RU/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell Genesys	(51			(1	1) International Publication Number:	WO 00/29557		
(22) International Filing Date: 12 November 1999 (12.11.99)  (33) Priority Data: 60/108,168 13 November 1998 (13.11.98) US 60/108,168 13 November 1998 (13.1		C12N 7/00	Aı	(4	3) International Publication Date:	25 May 2000 (25.05.00)		
(24) Agents: NAKAMURA, Dean, H. et al.; Sughrue, Mion, Zinn, MacPeak & Seas, PLLC, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037–3202 (US).  (54) Title: A SENSITIVE SCREENING SYSTEM FOR ENVELOPE—DEFECTIVE RECOMBINANT VIRUS (57) Abstract	(22	<ul><li>2) International Filing Date: 12 November 1999 (12.11.99)</li><li>0) Priority Data:</li></ul>			BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, DJ, LI, NJ, S, P, KE, KG, KP, RR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM,			
(75) Inventors/Applicants (for US only): BUKOVSKY, Anatoly   RRUUS]: Cell Genesys, Inc., 342 Lakeside Drive, Foster   City, CA 94404 (US), NALDINI, Luigi [IT/US]; Cell   Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US)   (US)   (US)   (VI)   (VI)   (VI)   (VI)   (VI)   (VI)   (VII)   (VII)   (VII)   (VIII)   (VII	(71)	GENESYS, INC. [US/US]; 342 Lakeside Drive	CEI e, Fost	L ter	BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,			
MacPeak & Seas, PLLC, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037–3202 (US).   (54) Title: A SENSITIVE SCREENING SYSTEM FOR ENVELOPE-DEFECTIVE RECOMBINANT VIRUS  (57) Abstract	(72) (75)	Inventors/Applicants (for US only): BUKOVSKY, [RU/US]; Cell Genesys, Inc., 342 Lakeside Driv City, CA 94404 (US). NALDINI, Luigi [IT/U Genesys, Inc., 342 Lakeside Drive, Foster City, C	e, Fost	er				
(57) Abstract	(74)	MacPeak & Seas, PLLC, Suite 800, 2100 Penr	svlvan	ın, iia				
(57) Abstract	1							
		Abstract			The second secon	y that virus.		